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**From:** Slugantz, Lynn  
**Sent:** Thur 12/18/2014 9:43:38 PM  
**Subject:** FW: West Lake Groundwater Report Released by EPA

Just fyi

Thank you,

## Lynn M. Slugantz

Office of Regional Administrator

US EPA Region 7

11201 Renner Blvd, Lenexa KS 66219

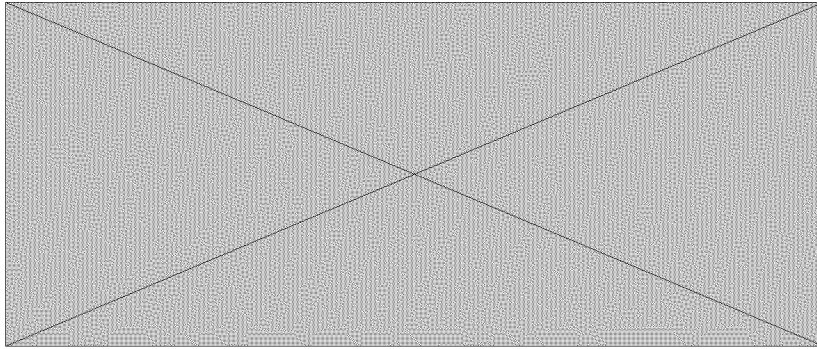
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**From:** Ed Smith - MCE [mailto:moenviron@moenviron.org]  
**Sent:** Thursday, December 18, 2014 3:07 PM  
**To:** Slugantz, Lynn  
**Subject:** West Lake Groundwater Report Released by EPA

### Quick Links...

[Our Website](#)



# West Lake Landfill Newsletter

Groundwater Report Released by the EPA

Dec. 18, 2014

## Quick Links...

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**Dear Lynn,**

## Quick Updates

1. **St. Louis County Council** unanimously passed a resolution on Tuesday (12/16) calling for 1) the immediate release of the West Lake groundwater report and 2) more coordination with first responders in the

event a surface fire occurs in part of the landfill where radioactivity is located. Radioactive materials are currently present at the surface of the landfill.

2. **The EPA released the [West Lake groundwater report](#)** on Wednesday (12/17), the day after the St. Louis County Council resolution passed.
3. **[Always report odors to the Department of Natural Resources \(DNR\)](#)** if you believe the landfill is the cause. The DNR is collecting odor complaints while Attorney General Koster is legally involved with Republic Services, the landfill owner.

The above photo was taken by MCE on December 10, 2014. The landfill gas odors were awful and MCE notified the DNR.

### **West Lake Landfill Groundwater Report Released**

The Environmental Protection Agency (EPA) Region 7 requested the United States Geological Survey (USGS) collect samples, study documents, and create a report on the groundwater at the West Lake Landfill. No physical barrier or liner separates the groundwater from the illegally dumped radioactive wastes.

You can read the report [HERE](#).

MCE's initial concerns about the report:

1. The USGS says it is possible that radioactive materials moved from the OU1(1) disposal area into the north and south quarries (see map below). The USGS report indicates that Radium found in a groundwater well in the North Quarry could be related to the illegally dumped radioactive wastes.

The above map can be found in a document related to the proposed isolation barrier on the [EPA website](#).

2. The USGS does not appear to have assessed the "in-growth" of Radium at the landfill. Radium will become **more** radioactive over the next approximately 9,000 years. The chart below comes from the Supplemental Feasibility Study (Table 2). Notice the increase in pCi/g of Ra-226.

MCE will continue to review the USGS report and submit our questions and concerns to the EPA in the coming weeks.

### **West Lake in the News**

St. Louis Public Radio: Radium in Groundwater at West Lake Landfill Exceeds Federal Standard

St. Louis Post-Dispatch: Radium Above Federal Guidelines in Groundwater Near West Lake

KMOX: A Smell in the Air, Contaminated Groundwater Below

Fox2Now: EPA Reviewing Report on Groundwater Under the West Lak Landfill

### **Upcoming Events**

#### **Franciscan Sisters of Mary Prayer Vigil**

**Where:** 12755 St. Charles Rock Road in Bridgeton, MO at the abandoned Phillips 66 gas station.

**When:** Every 2nd & 4th Wednesday of the month (weather pending) at 10am. Next vigil is January 14, 2015.

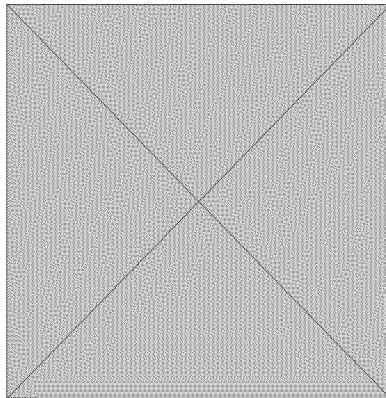
### West Lake Landfill Community Meeting

**Where:** International Union of Operating Engineers Local 513 at 3449 Hollenberg Drive, Bridgeton, MO.

**When:** Thursday, January 15, 2015 at 6:30pm.

### **Take Action**

Senator Blunt, Senator McCaskill, Congressman Clay, and Congresswoman Wagner all have the power to transfer the West Lake Landfill to the St. Louis Army Corps of Engineers FUSRAP by introducing and passing legislation. This action has been accomplished by Democrats and Republicans alike in previous years and we call on them for a bipartisan effort to do the same here.



We appreciate the February and July letters of support for the St. Louis Corps of Engineers FUSRAP involvement at the West Lake Landfill and it's time to go further. Call and ask them to put the St. Louis Corps FUSRAP in charge at West Lake now!

Senator Blunt: 202-224-5721

Senator McCaskill: 202-224-6154

Congressman Clay: 202-225-2406

Congresswoman Wagner: 202-225-1621

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